(19) World Intellectual Property Organization

International Bureau



. 1810 CHICKO II MARKO II KA CODI CORSI CHI I DINI CON CONTROLO II DINI CONTROLO SI CONTROLO SI CONTROLO SI CO

(43) International Publication Date 12 May 2005 (12.05,2005)

PCT

(10) International Publication Number WO 2005/042892 A1

(51) International Patent Classification7:

E05F 1/12

(21) International Application Number:

PCT/EP2004/052787

(22) International Filing Date:

3 November 2004 (03.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

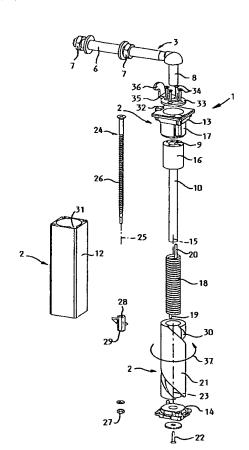
(30) Priority Data: 2003/0587

3 November 2003 (03.11.2003) BE

- (71) Applicant and
- (72) Inventor: TALPE, Joseph [BE/BE]; Oudenaardsesteenweg 543, B-8581 Avelgem-Kerkhove (BE).
- (74) Agents: VAN REET, Joseph et al.; Gevers & Vander Haeghen, Holidaystraat 5, B-1831 Diegem (BE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: DOOR OR PATE CLOSING HINGE



(57) Abstract: The adjustable self-closing hinge (1) comprises a first hinge part (2), a second hinge part (3), a hinge shaft (10), a torsion spring (18) having a first end (19) fixed with respect to the first hinge part (2) and a second end (20) fixed with respect to the hinge shaft (10) to exert a moment onto the first hinge part, and means for adjusting the moment exerted by the torsion spring on the first hinge part. These adjusting means comprise a coupling element (21) which is interposed between the first end (19) of the torsion spring (18) and the first hinge part (2) and which is rotatably mounted in the first hinge part, and a screw-like element (24) which is rotatably mounted in the first hinge part (2) and which is arranged to cooperate with the coupling element (21) to rotate the coupling element with respect to the first hinge part so as to adjust the moment exerted by the torsion spring on the first hinge part.

WO 2005/042892 A1

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.